



Patent
Attorney's Docket No. 003300-685

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Evy LUNGREN-AKERLUND

Application No.: 09/647,544

Filed: October 26, 2000

For: AN INTEGRIN HETERODIMER
AND A SUBUNIT THEREOF

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) Group Art Unit: 1646
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) Examiner: Sarada C. Prasad
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) Confirmation No.: 8350
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RESPONSE TO RESTRICTION REQUIREMENT

TECH CENTER 1600/2900

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This Response to Restriction Requirement is in complete response to the Official Action (Restriction Requirement) mailed on April 23, 2002 (Paper No. 9). A one-month extension of time has been requested and the corresponding fee paid extending the time period of response until June 23, 2002.

IN THE CLAIMS:

Please replace claims 31-72, 77-84, and 86-134 as follows:

31. (Twice Amended) A method of using an integrin subunit $\alpha 10$ *in vitro* comprising using the amino acid sequence shown in SEQ ID No. 2, SEQ ID No. 4, or an integrin heterodimer comprising said subunit $\alpha 10$ and a subunit β , or a homologue or fragment of said integrin or subunit having essentially the same biological activity, as a marker or target molecule of cells or tissues expressing

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02 FC:203
03 FC:202

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